





ER=2.0 (H/h=2.0)



ER=1.5 (H/h=3.0)




ER=1.33 (H/h=4.0)



ER=1.25 (H/h=5.0)



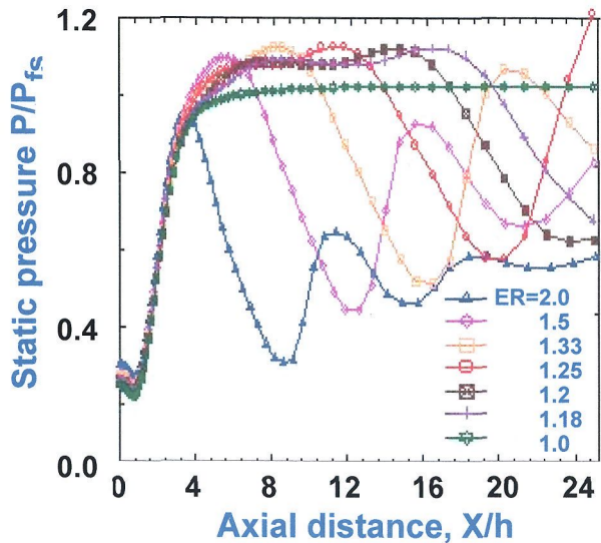
ER=1.2 (H/h=6.0)

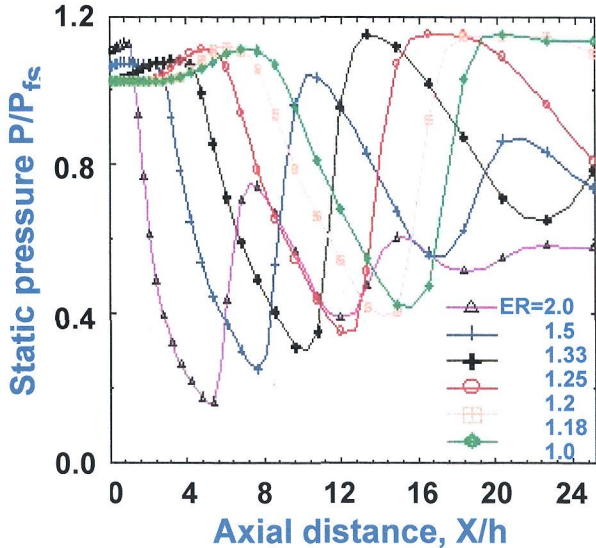


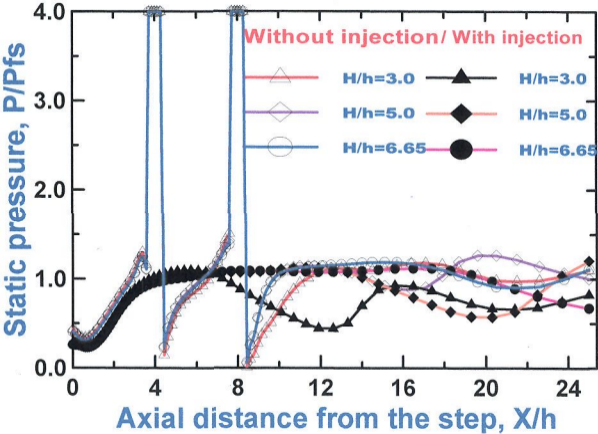
ER=1.177 (H/h=6.65)

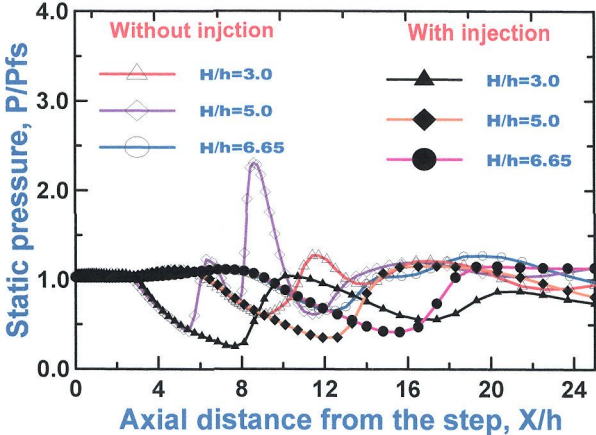


ER~1.0 (Unconfined)

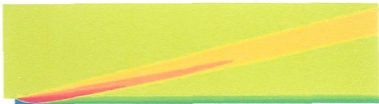
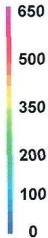






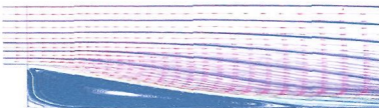
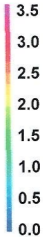


Speed (m/s)



Mach number

Mach number



Vector plot

Pressure (Pa)

4.0e4

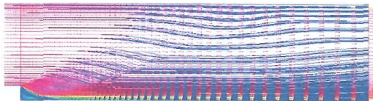
3.5e4

3.3e4

2.6e4

1.2e4

0.5e4



a) Vector plot

Speed (m/s)

650

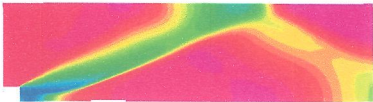
500

350

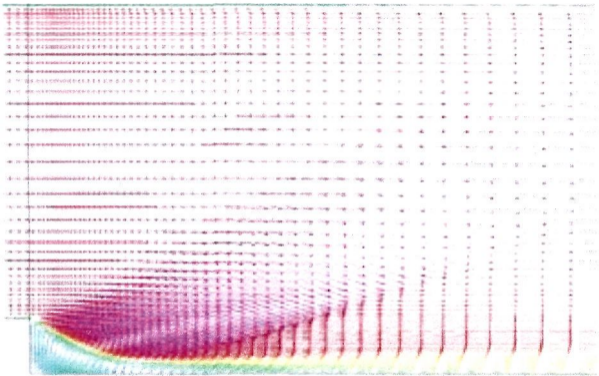
200

100

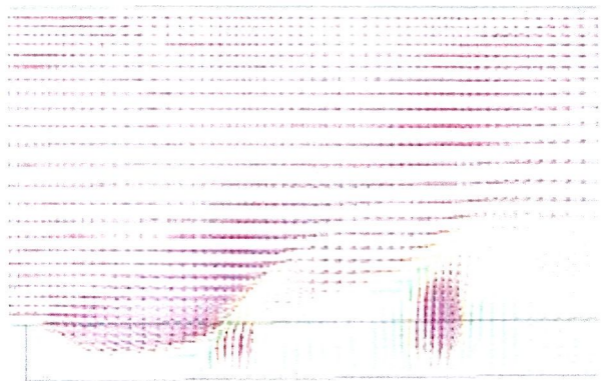
0



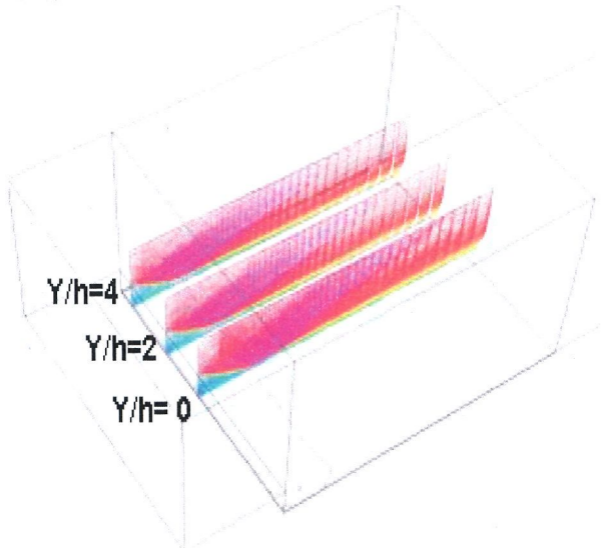
b) Pressure distribution



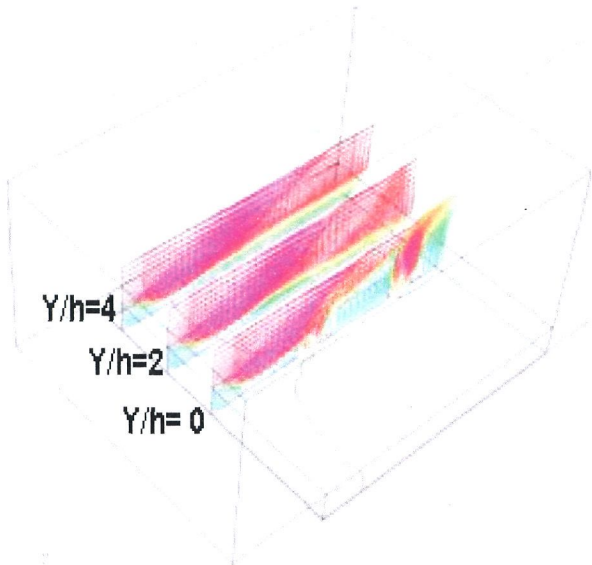
a) Without injection



b) With injection



a) Without injection



b) With injection